



ऑयल इंडिया लिमिटेड

(भारत सरकार का संस्थान) पंजीकृत कार्यालय : दुलियाजान, आसाम

**Oil India Limited**

(A Government of India Enterprise) Registered Office: Duliajan, Assam

Conquering Newer Horizons

**CHEMICAL LABORATORY**

(AN ISO 9001 : 2008 Certified Laboratory)

CHEMICAL DEPARTMENT, DULIAJAN - 786 602, ASSAM, INDIA

(Phone : 91-374-2800439, FAX : 374-2801680/ 2800633, Email : chemical@oilindia.in)

For internal use only

Ref. No.: Chem/Ana/DW/945/DJN/16

Date : 12.08.2016

DGM EPA

Attn. : IM, Makum OCS

**Sub: DRINKING WATER ANALYSIS REPORT**

Ref.: EA/MKM OCS/C-5/93/08-2016, dated - 09.08.2016

Reference above, please find the test result of the water sample forwarded to us from your end for laboratory testing.

Characteristics	Unit	Acceptable limit as per Bureau of Indian Standards	Sample No.1	Sample No.2	Sample No.3
		(IS-10500:2012)	IR Filter Inlet	IR Filter Outlet	Filter Outlet
Odour		Agreeable	Agreeable	Agreeable	Agreeable
Turbidity	NTU	1.0(max)	41.6*	31.9*	0.41
p <sup>H</sup>	-	6.5 to 8.5	6.3*	6.5	6.5
Total Hardness (as CaCO <sub>3</sub> )	mg/l	250.0(max.)	92	68	80
Iron (as Fe)	mg/l	0.3(max.)	1.09*	0.91*	0.02
Chloride (as Cl)	mg/l	250.0(max.)	9	9	12
Total dissolved solids	mg/l	500(max.)	79	80	81
Alkalinity (as CaCO <sub>3</sub> )	mg/l	200(max.)	70	80	75
Mineral Oil	mg/l	0.5(max.)	Nil	Nil	Nil

**Sample details. :**

All the drinking water samples of Makum OCS by PDNO on 09.08.2016 & received at our lab on 10.08.2016.

Note: \*Not within acceptable limit.

Tested by : AAM/KG

U.S.Deka

Dy.Suptdg.Chemist (Lab)

For GM-Chemical(i/c)

Copy : Analytical & Environmental sec. file

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